

INVESTMENT VENDORS

- The following is a listing of the investment managers, custodians, and consultants that serve the Massachusetts public pension systems. The listing is based on information supplied by the retirement boards.

RETIREMENT BOARD	INVESTMENT VENDORS		
ADAMS ► Custodian: State Street Bank & Trust ► Consultant: Fiduciary Investment Advisors	<ul style="list-style-type: none"> Capital Research and Management 	<ul style="list-style-type: none"> Granite Investment Advisors 	
AMESBURY	<ul style="list-style-type: none"> PRIT 		
ANDOVER ► Consultant: Dahab Associates	<ul style="list-style-type: none"> PRIT 		
ARLINGTON ► Custodian: State Street Bank & Trust	<ul style="list-style-type: none"> PRIT 	<ul style="list-style-type: none"> Wilshire Associates Inc. 	
ATTLEBORO ► Custodian: People's United Bank ► Consultant: Dahab Associates Inc.	<ul style="list-style-type: none"> Boston Advisors, LLC BTG Pactual Timberland Investment Group Daruma Capital Management, LLC Fidelity Institutional Asset Management Frontier Capital Management Co., LLC 	<ul style="list-style-type: none"> Hancock Timber Resource Group, Inc. Herndon Capital Management, LLC Intercontinental Real Estate Corp. Invesco Core Real Estate USA, LP Invesco National Trust Company 	<ul style="list-style-type: none"> Orleans Capital Management Corp. PRIT RhumblLine Advisers State Street Global Advisors Wells Capital Management Inc.
BARNSTABLE COUNTY	<ul style="list-style-type: none"> Intercontinental Capital Management, LLC 	<ul style="list-style-type: none"> PRIT 	<ul style="list-style-type: none"> UBS Realty Investors, LLC
BELMONT ► Custodian: State Street Bank & Trust ► Consultant: New England Pension Consultants	<ul style="list-style-type: none"> AEW Capital Management, LP Atlanta Capital Harbourvest Partners, LLC 	<ul style="list-style-type: none"> Loomis Sayles & Company Pacific Investment Management Company, LLC PRIT 	<ul style="list-style-type: none"> RhumblLine Advisers Rothschild Asset Management Inc. Scout Capital Management, LLC
BERKSHIRE COUNTY	<ul style="list-style-type: none"> PRIT 		
BEVERLY	<ul style="list-style-type: none"> PRIT 		
BLUE HILLS REGIONAL	<ul style="list-style-type: none"> PRIT 		
BOSTON (CITY) ► Custodian: State Street Bank & Trust ► Consultant: New England Pension Consultants	<ul style="list-style-type: none"> 57 Stars, LLC AEW Capital Management, LP Alcentra NY, LLC Angelo, Gordon & Co., LP Ardlight Capital Partners, LLC Aristotle Capital Management, LLC Arsenal Real Estate Funds, LLC Ascent Venture Partners Audax Group AXA Real Estate Investment Managers Ltd. Bernzott Capital Advisors BlackRock Advisors, LLC Blue Point Capital Partners, LLC Boston Millennia Partners Brookfield Asset Management CCMP Capital Advisors, LLC Centersquare Investment Management Holdings, Inc. Columbia Management Investment Advisors, LLC Commonwealth Capital Ventures Courtland Partners Crescent Capital Group, LP DDJ Capital Management D.E. Shaw Investment Management, LLC DRC Capital, LLP Dune Capital Management, LP Energy Spectrum Partners EnTrust Partners, LLC Evercore Advisors, LLC 	<ul style="list-style-type: none"> Federal Street Partners, LLC Fisher Investments GAM USA, Inc. Goldentree Asset Management, LP Grosvenor Capital Management, LP Hamilton Lane Hearthstone Inc. Income Research + Management Intech Intercontinental Real Estate Corp. Invesco Core Real Estate USA, LP J.F. Lehman & Company, Inc. J.P. Morgan Investment Management, Inc. J.W. Childs Associates, LP LaSalle Investment Management, Inc. Lazard Asset Management, LLC Lexington Partners, LP Loomis Sayles & Company Mesirow Advanced Strategies, Inc. Mesirow Financial Investment Management, Inc. MPM Capital, LP NGP Energy Capital Management, LLC Oaktree Capital Management, LP PanAgora Asset Management, Inc. Pearlmark Investment Advisors, LLC Perella Weinberg Partners Capital Management, LP Permal Asset Management, Inc. Polunin Capital Partners 	<ul style="list-style-type: none"> Prudential Capital Partners RhumblLine Advisers Richmond Capital Management, Inc. Sanderling Ventures SCP Private Equity Partners Siguler Guff Advisers, LLC SL Capital Partners State Street Global Advisors Sterling Venture Partners, LLC TA Realty TH Lee Putnam Ventures The Davis Companies Thomas H. Lee Partners, LP Thoma Bravo, LLC Thomas Weisel Global Growth Partners, LLC Todd Asset Management Tristan Capital Partners Vanguard Venture Partners, LLC Vontobel Asset Management, Inc. W Capital Partners Wells Capital Management, Inc. Western Technology Westfield Capital Management Company, LP Westport Capital Partners, LLC Z Capital Partners, LLC Zevenbergen Capital Investments, LLC

RETIREMENT BOARD		INVESTMENT VENDORS	
BOSTON TEACHERS	<ul style="list-style-type: none"> • PRIT 		
BRAINTREE ▶ Custodian: SEI Private Trust Company	<ul style="list-style-type: none"> • Acadian Asset Management, LLC • Lexington Partners, LP • Loomis Sayles & Company 	<ul style="list-style-type: none"> • Massachusetts Financial Services Company • Pictet Asset Management 	<ul style="list-style-type: none"> • PRIT • RhumbLine Advisers • SEI Investments Management Corporation
BRISTOL COUNTY ▶ Custodian: State Street Bank & Trust ▶ Consultant: Segal Marco Advisors	<ul style="list-style-type: none"> • Aberdeen Asset Management • Arrowstreet Capital, LP • Ashmore Investment Advisors, Ltd. • BlackRock Investment Management, LLC • Brookfield Timberlands Management, LP • CB Richard Ellis Group, Inc. • Colchester Global Investors • Columbia Management Investment Advisers, LLC • DN Partners • Dupont Capital Management • Earnest Partners, LLC • GCM Customized Fund Investment Group 	<ul style="list-style-type: none"> • Hunt Investment Management, LLC • Income Research & Management • Intech • Intercontinental Real Estate Corp. • Invesco Advisers, Inc. • Lazard Asset Management, LLC • LSV Asset Management • Lyrical Asset Management, LP • Massachusetts Financial Services Company • Mesirow Financial Private Equity Advisors, Inc. • New Boston Fund, Inc. 	<ul style="list-style-type: none"> • Pacific Investment Management Company, LLC • Polaris Capital Management, LLC • PRIT • RBC Global Asset Management (U.S.), Inc. • Rice Hall James & Associates, LLC • RREEF Management, LLC • SEI Trust Company • Stone Harbor Investment Partners • TA Realty • Timberland Investment Resources, LLC • WL Ross & Co., LLC
BROCKTON ▶ Custodian: SEI Private Trust Company	<ul style="list-style-type: none"> • Aberdeen Asset Management • Arsenal Real Estate Partners • Ascent Venture Partners • Boston Capital Ventures • Charlesbank Capital Partners, LLC • HealthPoint, LLC 	<ul style="list-style-type: none"> • Hunt Investment Management, LLC • Intercontinental Capital Management, LLC • Invesco Private Capital, Inc. • Landmark Partners, LLC • Mesirow Financial Investment Management, Inc. 	<ul style="list-style-type: none"> • New Boston Fund, Inc. • New England Capital Partners • Oppenheimer Alternative Investment Management • SEI Investments Management Corp. • Siguler Guff Advisers, LLC
BROOKLINE ▶ Custodian: Russell Investments	<ul style="list-style-type: none"> • AEW Capital Management, LP • Hancock Timber Resource Group, Inc. • HarbourVest Partners, LLC 	<ul style="list-style-type: none"> • Invesco Private Capital, Inc. • Lexington Partners, LP • PRIT 	<ul style="list-style-type: none"> • Russell Investment Group • Sustainable Woodlands Partners, LLC
CAMBRIDGE ▶ Custodian: People's United Bank ▶ Consultant: Segal Marco Advisors	<ul style="list-style-type: none"> • Aberdeen Asset Management • AEW Capital Management, LP • Ascent Venture Partners • BlackRock Investment Management, LLC • Brandywine Global Investment Management, LLC • Columbia Management Investment Advisers, LLC • Fidelity Institutional Asset Management • Hamilton Lane • Hancock Timber Resource Group, Inc. • IFM Investors (US) Advisor 	<ul style="list-style-type: none"> • Income Research & Management • Intercontinental Real Estate Corp. • Invesco Core Real Estate USA, LP • J.P. Morgan Investment Management • Landmark Partners, LLC • Lazard Asset Management, LLC • Lexington Partners, LP • Loomis Sayles & Co. • MacKay Shields, LLC • MFS Institutional Advisors, Inc. 	<ul style="list-style-type: none"> • Penn Square Global Real Estate Group, LLC • Polaris Capital Management, LLC • PRIT • RBC Global Asset Management (U.S.), Inc. • RhumbLine Advisers • Rockwood Capital, LLC • State Street Global Advisors • UBS Realty Advisors, LLC • WEDGE Capital Management, LLP • Wellington Management Company
CHELSEA	<ul style="list-style-type: none"> • PRIT 		
CHICOPEE ▶ Custodian: SEI Private Trust Company	<ul style="list-style-type: none"> • PRIT 	<ul style="list-style-type: none"> • SEI Investments Management Corp. 	
CLINTON ▶ Consultant: Trust Advisory Group, Ltd.	<ul style="list-style-type: none"> • PRIT 		
CONCORD ▶ Custodian: Comerica Securities	<ul style="list-style-type: none"> • Columbia Threadneedle Investments 	<ul style="list-style-type: none"> • PRIT 	<ul style="list-style-type: none"> • Russell Investment Group
DANVERS ▶ Custodian: Comerica ▶ Consultant: Graystone Consulting	<ul style="list-style-type: none"> • Barings, LLC • Dalton, Greiner, Hartman, Maher & Co., LLC • Equus Capital Partners, Ltd. • Fidelity Investments Money Management, Inc. • Gerber-Taylor Management Company 	<ul style="list-style-type: none"> • Longfellow Investment Management Co., LLC • Lyrical Asset Management • Manulife Asset Management • Mount Lucas Management, LP • PRIT 	<ul style="list-style-type: none"> • RhumbLine Advisers • Shafer Cullen • Shenkman Capital Management, Inc. • TA Realty • TWIN Capital Management

RETIREMENT BOARD	INVESTMENT VENDORS		
DEDHAM	<ul style="list-style-type: none"> PRIT 		
DUKES COUNTY ▶ Custodian: State Street Bank & Trust ▶ Consultant: Dahab Associates, Inc.	<ul style="list-style-type: none"> Atlanta Capital Garcia Hamilton & Associates LP 	<ul style="list-style-type: none"> Polen Capital Management, LLC PRIT 	<ul style="list-style-type: none"> Vanguard
EASTHAMPTON	<ul style="list-style-type: none"> PRIT 		
ESSEX COUNTY ▶ Custodian: State Street Bank & Trust ▶ Consultant: Dahab Associates, Inc.	<ul style="list-style-type: none"> Ascent Venture Partners BlackRock Investment Management, LLC Boston Millennia Partners Intercontinental Real Estate Corp. 	<ul style="list-style-type: none"> Levine Leichtman Capital Partners, Inc.. MassVentures PRIT 	<ul style="list-style-type: none"> Principal Real Estate Investors, LLC Sentinel Real Estate Corporation TA Realty
EVERETT	<ul style="list-style-type: none"> PRIT 		
FAIRHAVEN	<ul style="list-style-type: none"> PRIT 		
FALL RIVER	<ul style="list-style-type: none"> PRIT 	<ul style="list-style-type: none"> SL Capital Partners, LLP 	
FALMOUTH ▶ Custodian: State Street Bank & Trust ▶ Consultant: Wainwright Investment Counsel, LLC	<ul style="list-style-type: none"> Baring Asset Management (Asia) Limited Denver Investments Dimensional Fund Advisors, LP Earnest Partners, LLC HGK Asset Management, Inc. Intercontinental Real Estate Corp. 	<ul style="list-style-type: none"> Invesco Private Capital, Inc. Lexington Partners, LP LMCG Investments, LLC Mesirow Financial Private Equity Advisors, Inc. Metropolitan Real Estate Equity Management, LLC PRIT 	<ul style="list-style-type: none"> Principal Real Estate Investors, LLC RhumbLine Advisers SEI Trust Company Seizert Capital Partners, LLC Siguler Guff Advisers, LLC State Street Global Advisors
FITCHBURG	<ul style="list-style-type: none"> PRIT 	<ul style="list-style-type: none"> TA Realty 	
FRAMINGHAM	<ul style="list-style-type: none"> PRIT 		
FRANKLIN COUNTY ▶ Custodian: Comerica Bank ▶ Consultant: Dahab Associates, Inc.	<ul style="list-style-type: none"> Daruma Capital Management, LLC Income Research & Management O'Shaughnessy Asset Management, LLC 	<ul style="list-style-type: none"> Polen Capital Management, LLC PRIT 	<ul style="list-style-type: none"> Seizert Capital Partners, LLC Systematic Financial Management, LP
GARDNER	<ul style="list-style-type: none"> PRIT 		
GLOUCESTER	<ul style="list-style-type: none"> PRIT 		
GREATER LAWRENCE ▶ Custodian: BNY Mellon Asset Servicing	<ul style="list-style-type: none"> Seaward Management 		
GREENFIELD	<ul style="list-style-type: none"> PRIT 		
HAMPDEN COUNTY REGIONAL ▶ Consultant: Segal Marco Advisors	<ul style="list-style-type: none"> GCM Customized Fund Investment Group Long Wharf Real Estate Partners, LLC 	<ul style="list-style-type: none"> New Boston Fund, Inc. 	<ul style="list-style-type: none"> PRIT
HAMPSHIRE COUNTY ▶ Consultant: New England Pension Consultants	<ul style="list-style-type: none"> Ascent Venture Partners Barings LLC Colchester Global Investors Glouston Capital Partners, LLC Intercontinental Real Estate Corp. 	<ul style="list-style-type: none"> Lexington Partners, LP Massachusetts Financial Services Company Mellon Capital Management Corporation Perella Weinberg Partners Capital Management, LP Polaris Capital Management, LLC 	<ul style="list-style-type: none"> Portfolio Advisors, LLC PRIT RBC Global Asset Management (U.S.) Inc. RhumbLine Advisers Shenkman Capital Management, Inc.

RETIREMENT BOARD	INVESTMENT VENDORS		
HAVERHILL ► Custodian: People's United Bank ► Consultant: Wainwright Investment Counsel, LLC	<ul style="list-style-type: none"> • DDJ Capital Management, LLC • Fisher Investments • Global Forest Partners, LP • Globespan Capital Management, Inc. • GrandBanks Capital • Income Research + Management • Intercontinental Real Estate Corporation 	<ul style="list-style-type: none"> • Massachusetts Financial Services Company • Mesirow Financial Institutional Real Estate • Molpus Woodlands Group, LLC • PRIT • Putnam Investment Management, LLC • RhumbLine Advisers 	<ul style="list-style-type: none"> • Stafford Private Equity, Inc. • Systematic Financial Management, LP • TerraCap Management • TH Lee Partners • The DSF Group • Victory Capital Management
HINGHAM ► Consultant: Meketa Investment Group	<ul style="list-style-type: none"> • PRIT 		
HOLYOKE ► Consultant: Segal Marco Advisors	<ul style="list-style-type: none"> • American Realty Advisors • Boston Company Asset Management, LLC • Brandywine Global Investment Management, LLC • Charles Schwab & Co., Inc. • Constitution Capital Partners, LLC • Denver Investments • Fidelity Institutional Asset Management • Flynn Financial Partners • Industry Capital Advisors, LLC 	<ul style="list-style-type: none"> • Intercontinental Real Estate Corporation • Invesco Core Real Estate USA, LP • Invesco Trust Company • Lazard Asset Management, LLC • Long Wharf Real Estate Partners, LLC • Mesirow Financial Private Equity Advisors, Inc. • Oberweis Asset Management, Inc. • OFI Global Institutional, Inc. • Polaris Capital Management, LLC 	<ul style="list-style-type: none"> • PRIT • Putnam Investment Management, LLC • RBC Global Asset Management (U.S.) Inc. • Seizert Capital Partners, LLC • State Street Global Advisors • TA Realty • TerraCap Management • Wasatch Advisors, Inc.
HULL	<ul style="list-style-type: none"> • PRIT 		
LAWRENCE	<ul style="list-style-type: none"> • PRIT 		
LEOMINSTER ► Custodian: State Street Bank & Trust	<ul style="list-style-type: none"> • Massachusetts Financial Services Company • PRIT 	<ul style="list-style-type: none"> • Templeton Investment Counsel 	<ul style="list-style-type: none"> • Union Labor Life Insurance Company
LEXINGTON ► Custodian: State Street Bank & Trust ► Consultant: Meketa Investment Group, Inc.	<ul style="list-style-type: none"> • Acadian Asset Management, LLC • Beacon Capital Partners, LLC • Fidelity Investments • Fiduciary Management, Inc. • Golub Capital Partners 	<ul style="list-style-type: none"> • Hartford Investment Management Company • Kayne Anderson Rudnick Investment Management • Loomis Sayles & Company • Matthews International Capital Management, LLC • Monroe Capital 	<ul style="list-style-type: none"> • PRIT • RhumbLine Advisers • Wellington Management Company, LLP • White Oak Global Advisors, LLC • William Blair & Company, LLC
LOWELL ► Custodian: People's United Bank	<ul style="list-style-type: none"> • Ascent Venture Partners • Boston Millennia Partners • Charles River Ventures 	<ul style="list-style-type: none"> • Intercontinental Real Estate Corporation • PRIT 	<ul style="list-style-type: none"> • QCI Asset Management • Sentinel Real Estate Corporation
LYNN	<ul style="list-style-type: none"> • Ascent Venture Partners • BlackRock Investment Management, LLC 	<ul style="list-style-type: none"> • BlackRock Realty Advisors, Inc. • Fidelity Investments Money Management, Inc. 	<ul style="list-style-type: none"> • Hunt Investment Management, LLC • PRIT
MHFA ► Custodian: State Street Bank & Trust ► Consultant: Meketa Investment Group, Inc.	<ul style="list-style-type: none"> • Aberdeen Asset Management • AEW Capital Management, LP • Ascent Venture Partners • Columbia Management Investment Advisers, LLC • Constitution Capital Partners, LLC • Dimensional Fund Advisors, LP 	<ul style="list-style-type: none"> • Goldman Sachs Asset Management, LP • HarbourVest Partners, LLC • Intercontinental Real Estate Corporation • KBI Global Investors (North America) Ltd. • LMCG Investments, LLC • Logan Circle Partners, LP 	<ul style="list-style-type: none"> • McDonnell Investment Management, LLC • RS Investment Management Company, LLC • State Street Global Advisors • Stone Harbor Investment Partners, LP • TA Realty
MWRA ► Custodian: People's United Bank ► Consultant: New England Pension Consultants	<ul style="list-style-type: none"> • Alcentra NY, LLC • Ascent Venture Partners • Boston Company Asset Management, LLC • Castile Ventures • Cerberus Capital Management, LP • Coho Partners, Ltd. • Courtland Partners • Entrust Partners, LLC • Foundry Group, LLP • Intercontinental Real Estate Corporation • Invesco Trust Company • Invesco Private Capital, Inc. • J.F. Lehman & Company 	<ul style="list-style-type: none"> • Kayne Anderson Capital Advisors, LP • Landmark Partners, LLC • Lee Munder Capital Group, LLC • Loomis Sayles & Company • Mesirow Financial Institutional Real Estate • MFS Institutional Advisors, Inc. • Morgan Stanley • Pacific Investment Management Company, LLC • Permal Asset Management, Inc. • Pinebridge Investments, LLC • Polen Capital Management, LLC • PRIT 	<ul style="list-style-type: none"> • Private Advisors, LLC • RhumbLine Advisers • Robeco Institutional Asset Management U.S., Inc. • Schroders Investment Management North America, Inc. • SEI Trust Corporation • Select Equity Group, LP • TA Realty • TerraCap Management • Wellington Management Company, LLP • William Blair & Company, LLC • WL Ross & Co., LLC

RETIREMENT BOARD	INVESTMENT VENDORS		
MALDEN ► Custodian: State Street Bank & Trust	<ul style="list-style-type: none"> De Burlo Group, Inc. 		
MARBLEHEAD	<ul style="list-style-type: none"> PRIT 		
MARLBOROUGH ► Custodian: Comerica Bank ► Consultant: Meketa Investment Group, Inc.	<ul style="list-style-type: none"> Clarion Partners Colony Realty Partners Constitution Capital Partners, LLC Dimensional Fund Advisors LP 	<ul style="list-style-type: none"> Driehaus Capital Management, LLC Fiduciary Management, Inc. Frontier Capital Management Co., LLC Payden & Rygel 	<ul style="list-style-type: none"> RhumbLine Advisers Shenkman Capital Management, Inc. SL Capital Partners, LLP State Street Global Advisors
MASSPORT ► Custodian: People's United Bank ► Consultant: Wilshire Associates	<ul style="list-style-type: none"> Aberdeen Asset Management, Inc. PRIT 	<ul style="list-style-type: none"> Pzena Investment Management, LLC State Street Global Advisors 	<ul style="list-style-type: none"> Wellington Management Company, LLP
MAYNARD ► Custodian: State Street Bank & Trust	<ul style="list-style-type: none"> Boston Advisors, LLC 	<ul style="list-style-type: none"> PRIT 	<ul style="list-style-type: none"> Sequin Partners, LLC
MEDFORD ► Custodian: State Street Bank & Trust ► Consultant: New England Pension Consultants	<ul style="list-style-type: none"> Columbia Management Investment Advisors, LLC Lazard Asset Management, LLC Loomis Sayles & Company 	<ul style="list-style-type: none"> Mellon Capital Management Corporation PRIT RhumbLine Advisers 	<ul style="list-style-type: none"> Standard Life Investment Western Asset Management Company William Blair & Company, LLC
MELROSE	<ul style="list-style-type: none"> Ascent Venture Partners Hunt Investment Management, LLC 	<ul style="list-style-type: none"> Intercontinental Real Estate Corporation Invesco Private Capital, Inc. 	<ul style="list-style-type: none"> PRIT TA Realty
METHUEN	<ul style="list-style-type: none"> BlackRock Investment Management, LLC 	<ul style="list-style-type: none"> PRIT 	<ul style="list-style-type: none"> Sentinel Real Estate Corporation
MIDDLESEX COUNTY ► Custodian: State Street Bank & Trust	<ul style="list-style-type: none"> Ares Management, LLC Ascent Venture Partners Auda Private Equity, LLC Boston Millennia Partners 	<ul style="list-style-type: none"> Duke Street Capital Global Forest Partners, LP Globespan Capital Management, Inc. Hunt Investment Management, LLC 	<ul style="list-style-type: none"> Intercontinental Real Estate Corporation Invesco Private Capital, Inc. PRIT TH Lee Partners
MILFORD	<ul style="list-style-type: none"> PRIT 		
MILTON	<ul style="list-style-type: none"> PRIT 		
MINUTEMAN REGIONAL	<ul style="list-style-type: none"> PRIT 		
MONTAGUE	<ul style="list-style-type: none"> PRIT 		
NATICK ► Custodian: People's United Bank ► Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none"> Intercontinental Real Estate Corporation PRIT 	<ul style="list-style-type: none"> SEI Investments Management Corp. 	<ul style="list-style-type: none"> Sentinel Real Estate Corporation SL Capital Partners, LLP
NEEDHAM	<ul style="list-style-type: none"> PRIT 		
NEW BEDFORD ► Custodian: State Street Bank & Trust ► Consultant: Segal Marco Advisors	<ul style="list-style-type: none"> Aberdeen Asset Management, Inc. Acadian Asset Management, LLC Blackrock Realty Advisors, Inc. Boston Company Asset Management, LLC Hamilton Lane Hunt Investment Management, LLC Invesco Private Capital, Inc. 	<ul style="list-style-type: none"> Lexington Advisors, Inc. Loomis Sayles & Company Mesirow Private Equity Advisors, Inc. Neuberger Berman Management Pacific Investment Management Company, LLC SEI Trust Company 	<ul style="list-style-type: none"> State Street Global Advisors Limited TA Realty UBS Realty Investors, LLC Wellington Management Company, LLP Westfield Capital Management Company, LP Wilton Asset Management, LLC

RETIREMENT BOARD	INVESTMENT VENDORS		
NEWBURYPORT	<ul style="list-style-type: none"> • PRIT 		
NEWTON	<ul style="list-style-type: none"> • PRIT 		
NORFOLK COUNTY ▶ Custodian: State Street Bank & Trust ▶ Consultant: Wainwright Investment Counsel, LLP	<ul style="list-style-type: none"> • AGF Investments America • Allianz Global Investors Fund Management, LLC • ArcLight Capital Partners, LLC • Ariel Investments • Ascend Ventures Group, LLC • Boston Millennia Partners • Centersquare Investment Management Holdings, Inc. • Centre Lane Partners, LLC • CHL Medical Partners • Clarion Partners • Collier Investment Management, Ltd. • Constitution Capital Partners, LLC • Corsair Capital LLC • D.E. Shaw Investment Management, LLC • Denver Investments • DSF Group • EnTrust Partners, LLC • Gamco Asset Management, Inc. 	<ul style="list-style-type: none"> • Gerding Edlen Investment Management, LLC • Globespan Capital Management, Inc. • Goldentree Asset Management, LP • Halpern, Denny & Company • Hamilton Lane • HarbourVest Partners, LLC • Hunt Investment Management, LLC • Income Research & Management • Intercontinental Real Estate Corporation • Invesco Private Capital, Inc. • Lazard Asset Management, LLC • Lee Munder Capital Group, LLC • LLM Capital Partners • Loomis, Sayles & Company • Mesirow Capital Partners X, LP • Mesirow Financial Institutional Real Estate • MFS International Advisors, Inc. • Monitor Venture Management 	<ul style="list-style-type: none"> • Northern Trust • Preferred Investors • PRIT • PRISM Venture Partners • Putnam Investment Management, LLC • RhumbLine Advisers • Seizert Capital Partners, LLC • Sentinel Real Estate Corporation • Siguler Guff Advisors, LLC • SL Capital Partners, LLP • State Street Global Advisors • TA Realty • TerraCap Management • Victory Capital Management • Wellesley Advisors Corporation • Wellington Management Company, LLP • Wells Capital Management, Inc. • Wilshire Associates, Inc.
NORTH ADAMS ▶ Custodian: State Street Bank & Trust	<ul style="list-style-type: none"> • De Burlo Group, Inc. 	<ul style="list-style-type: none"> • PRIT 	
NORTH ATTLEBORO ▶ Custodian: State Street Bank & Trust ▶ Consultant: Dahab Associates, Inc.	<ul style="list-style-type: none"> • AmSouth Bank • Atlanta Capital • Axiom International Investors, LLC • Blackrock Realty Advisors, Inc. • Brandes Investment Partners, LP 	<ul style="list-style-type: none"> • Chicago Equity Partners, LLC • Davenport & Company, LLC • Herndon Capital Management, LLC • Intercontinental Real Estate Corporation • Lazard Asset Management, LLC 	<ul style="list-style-type: none"> • Loomis Sayles & Company • RhumbLine Advisers • Stewart Capital Advisors, LLC • Vontobel Asset Management, Inc.
NORTHAMPTON ▶ Custodian: State Street Bank & Trust	<ul style="list-style-type: none"> • De Burlo Group, Inc. 	<ul style="list-style-type: none"> • PRIT 	
NORTHBRIDGE	<ul style="list-style-type: none"> • PRIT 		
NORWOOD ▶ Custodian: State Street Bank & Trust ▶ Consultant: Meketa Investment Group, Inc.	<ul style="list-style-type: none"> • Aberdeen Asset Management, Inc. • American Funds • Atlanta Capital • Boston Company Asset Management, LLC 	<ul style="list-style-type: none"> • Columbia Management Investment Advisors, LLC • Constitution Capital Partners • Dimensional Fund Advisors, LP • HarbourVest Partners, LLC 	<ul style="list-style-type: none"> • Landmark Partners, LLC • Oaktree Capital Management, LP • PRIT • RhumbLine Advisers
PEABODY	<ul style="list-style-type: none"> • PRIT 		
PITTSFIELD ▶ Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none"> • Hunt Investment Management, LLC • PRIT 	<ul style="list-style-type: none"> • Sentinel Real Estate Corporation 	<ul style="list-style-type: none"> • SL Capital Partners, LLP
PLYMOUTH ▶ Custodian: People's United Bank ▶ Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none"> • Acadian Asset Management • Babson Capital Management • Blackrock Kelso Capital Advisors, LLC • Boston Advisors, LLC • Boston Trust Investment Management, Inc. 	<ul style="list-style-type: none"> • Intercontinental Real Estate Corporation • Invesco Advisors, Inc. • Invesco Trust Company • PRIT • Rhumbline Advisers 	<ul style="list-style-type: none"> • Robeco Institutional Asset Management U.S., Inc. • Templeton Investment Counsel • Wellington Management Company, LLP • Westfield Capital Management Company, LP

RETIREMENT BOARD

PRIM

- **Custodian:** BNY Mellon
- **Consultants:** Arden Asset Management LLC, Callan Associates, Hamilton Lane, NEPC, Townsend

INVESTMENT VENDORS

- 1818 Fund
- 400 Capital Management
- Acadian Asset Management, LLC
- Access Capital
- Acon Investments
- Advent International
- AEW Capital Management
- AFL-CIO Housing Investment Trust
- Alchemy Partners
- Alta Communications
- American Securities Capital Partners
- Anchorage Capital, LLC
- Angelo Gordon
- APAX Partners & Co.
- Apollo Management Co.
- AQR Capital
- Arden Asset Management
- Arrowgrass G.P. Limited
- Ascent Venture Partners
- Ashmore Investment Management, Ltd.
- Asia Pacific Trust
- Austin Ventures
- Avenue Capital Group
- Baillie Gifford
- Bain Capital
- Battery Ventures
- Belmont Capital Partners
- Berkshire Partners
- Blackrock Financial Management, Inc.
- Blackstone Capital Partners
- Blackstone Group
- Boston Ventures
- Brevan Howard G.P. Limited
- Bridgepoint Capital Limited
- Brigade Capital G.P., LLC
- Brookfield Investment Management
- Campbell Group, LLC
- Candover
- Cantab Capital Partners, LP
- Canyon Johnson II
- Capital Resource Lenders
- Capula Management Limited
- Carlyle Group
- Carlyle Partners
- Castille
- Catalyst Investors
- Centerbridge
- Centerbridge Special Credit Partners
- CenterSquare Investment Management
- Charlesbank Capital Partners
- Charles River Ventures
- Charterhouse Group
- Chequers
- City of London Investment Management Co.
- Claren Road Capital, LLC
- Clifton Group
- Code, Hennessey & Simmons
- Commonwealth Capital Ventures
- Community Capital Management
- Crescent Capital Group
- Crossroads Group
- CSFB Private Equity (DLJ Merchant Banking Partners)
- CVC Capital
- Cypress Merchant Banking Partners
- Davidson Kempner Advisors, Inc.
- Denham Capital Management
- DivcoWest
- Driehaus Capital Management, LLC
- East Lodge Capital
- Eaton Vance Institutional Funds
- El Dorado Ventures
- Elliot Capital Advisors, LP
- Equitable Capital Management Corporation
- Essex Woodlands Health Ventures
- Ethos Private Equity
- Exponent Private Equity Partners
- Fidelity Management Trust Company
- FIS Group, Inc.
- First Reserve Corporation
- Flagship Ventures
- Forest Investment Associates
- Frontier Capital Management
- Freeman Spogli Equity Partners
- GENSTAR Capital
- Gilde Buy Out Partners AG
- Glenview Capital G.P., LLC
- Goldman Sachs Investment Management
- Gores Capital
- GSO Capital Partners
- GTCR Golder Rauner
- Harbourvest Partners
- Harding Loevner
- Hellman & Friedman Capital Partners
- H.I.G. Capital Partners
- Highfields Associates, LLC
- Highland Capital Partners
- Hony Capital
- Huber Capital
- Index Ventures
- Insight Venture Partners
- Intercontinental IV
- InterWest Partners
- Invesco Realty Advisors
- Investec Asset Management
- Joseph Littlejohn & Levy Fund
- J.P. Morgan Investment Management
- Kelso & Company
- Kepha Partners
- Keytone Ventures
- King Street Capital Management
- Kohlberg Kravis Roberts and Co.
- KPS Capital Partners
- Landmark Equity Partners
- LaSalle Investment Management
- LMCG Investments
- Loomis, Sayles & Company
- Madison Dearborn Capital Partners
- Marathon — London
- M/C Venture Partners
- Menlo Ventures
- MFA Partners APA German European Ventures
- Mondrian Investment Partners Ltd.
- Montagu
- Montreux Equity Partners
- Mudrick Capital Management, LP
- Nash & Sells
- Nautic Partners
- New Boston Urban Fund I
- New Enterprise Associates
- Nordic Capital
- Oaktree Capital Management
- Odyssey Investment Partners
- Olympus Partners
- Onex Capital Partners
- OZ Advisors, LP
- Pacific Alternative Asset Management Co. (PAAMCO)
- Pacific Investment Management Co. (PIMCO)
- PAI Europe
- PanAgora Asset Management, Inc.
- Permira Ventures
- Pershing Square G.P., LLC
- Pictet Asset Management, Inc.
- Polaris Venture Partners
- Presima
- Providence Equity Partners
- Pzena Investment Management
- Quad-C Management
- Rembrandt Venture Partners
- Riverbridge Partners
- Rock Creek Group
- Russell Implementation Source
- SAIF Partners
- Samlyn Partners, LLC
- SCP Vitalife
- SECOR Asset Management
- Shenkman Capital Management
- Sherbrooke Capital
- Sofinnova Ventures, Inc.
- Spark Capital
- Spectrum Equity Partners
- State Street Global Advisors
- Strategic Global Advisors
- Steadfast Capital Management LP
- Stone Harbor Investment Partners LP
- Strategic Global Advisors
- Summit Creek Advisors
- Summit Ventures
- SV Life Sciences Advisors
- TA Associates/Advent
- Taconic Associates, LLC
- Technology Crossover Ventures
- Texas Pacific Group
- Thoma Bravo
- Thoma Cressey Partners
- Thomas H. Lee Equity Partners, LP
- Times Square Capital Management
- Torquest Partners
- Towerbrook Capital Partners
- Trident Capital
- Trust Company of the West
- Union Square Ventures
- VantagePoint Partners
- Venture Capital Fund of New England
- Vestar Capital Partners
- Vista Equity Partners
- Voya Financial
- Wasatch Advisors Inc.
- Wayzata Investment Partners
- Welsh, Carson, Anderson & Stowe
- Weston Presidio Capital
- WestView Capital Partners
- Whitney & Company
- William Blair Mezzanine Capital Fund, LP
- Willis Stein
- Winton Capital Management
- Xenon Private Equity, LTD
- York Capital Management

RETIREMENT BOARD	INVESTMENT VENDORS		
PLYMOUTH COUNTY ▶ Custodian: State Street Bank & Trust ▶ Consultant: Meketa Investment Group	<ul style="list-style-type: none">• ABS Investment Management, LLC• Aetos Capital, LLC• AEW Capital Management, LP• Akina Limited• Ascend Venture Group• Ascent Venture Partners• Audax Management Company (NY), LLC• Berkshire Property Advisors, LLC• Boston Company Asset Management, LLC• BTG Pactual Timberland Investment Group• Charles River Ventures• Denver Investments• DN Partners• DSF Group• Eaton Vance Investment Counsel• EnTrust Partners Offshore, LP	<ul style="list-style-type: none">• Fisher Investments• Franklin Templeton Investment Management• Geneva Capital Management, Ltd• Global Infrastructure Management, LLC• Globespan Capital Management, Inc.• HGK Asset Management, Inc.• Hunt Investment Management, LLC• Income Research & Management• Intercontinental Real Estate Corporation• Invesco Trust Company• J.P. Morgan Investment Management, Inc.• KBI Global Investors (North America Ltd.)• Landmark Partners, LLC• Lee Munder Capital Group, LLC• Leeds Equity Partners	<ul style="list-style-type: none">• Lexington Partners, LP• McDonnell Investment Management, LLC• Mesirow Financial Capital Partners X, LP• Mesirow Financial Institutional Real Estate• New Boston Fund, Inc.• Prudential Real Estate Investors• RhumbLine Advisers• Rohatyn Group• SEI Trust Company• Siguler Guff Advisers, LLC• Summit Partners, LP• THL Credit Advisors, LLC• TimberVest, LLC• Wellesley Advisors Corporation• Wellspring Capital Management, LLC
QUINCY ▶ Custodian: State Street Bank & Trust ▶ Consultant: Meketa Investment Group, Inc.	<ul style="list-style-type: none">• Aberdeen Asset Management, Inc.• Acadian Asset Management, LLC• Adams Street Partners, LLC• AEW Capital Management, LP• Beach Point Capital Management, LP• Brookfield Asset Management• Brown Advisory, LLC• Colony Realty Partners	<ul style="list-style-type: none">• Columbia Management Investment Advisors, LLC• Copper Rock Capital Partners, LLC• Goldman Sachs Asset Management, LP• Hancock Timber Resource Group, Inc.• Loomis Sayles & Company• Oppenheimer Alternative Investment Management• PRIT	<ul style="list-style-type: none">• RhumbLine Advisers• Ridgemont Equity Partners• SL Capital Partners, LLP• State Street Global Advisors• Stone Harbor Investment Partners, LP• TA Realty• UBS Realty Investors, LLC
READING	<ul style="list-style-type: none">• PRIT		
REVERE	<ul style="list-style-type: none">• PRIT		
SALEM	<ul style="list-style-type: none">• Ascent Venture Partners	<ul style="list-style-type: none">• PRIT	
SAUGUS	<ul style="list-style-type: none">• PRIT		
SHREWSBURY ▶ Consultant: Dahab Associates, Inc.	<ul style="list-style-type: none">• PRIT		
SOMERVILLE ▶ Custodian: Comerica Securities	<ul style="list-style-type: none">• Congress Asset Management Company, LLP• Lazard Asset Management, LLC	<ul style="list-style-type: none">• Loomis Sayles & Company• RhumbLine Advisers	<ul style="list-style-type: none">• UBS Realty Investors, LLC
SOUTHBRIDGE	<ul style="list-style-type: none">• PRIT		
SPRINGFIELD ▶ Custodian: PeoplesBank	<ul style="list-style-type: none">• Boston Millennia Partners	<ul style="list-style-type: none">• Crescendo Ventures Management, LLC	<ul style="list-style-type: none">• PRIT
STATE	<ul style="list-style-type: none">• PRIT		
STATE TEACHERS	<ul style="list-style-type: none">• PRIT		
STONEHAM ▶ Custodian: SEI Private Trust Company ▶ Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none">• PRIT	<ul style="list-style-type: none">• SEI Investments Management Corp.	
SWAMPSCOTT ▶ Custodian: People’s United Bank ▶ Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none">• Fred Alger Management, Inc.• Intercontinental Real Estate Corporation	<ul style="list-style-type: none">• North Sky Capital, LLC• PRIT	<ul style="list-style-type: none">• Trust and Fiduciary Management Services, Inc.

RETIREMENT BOARD	INVESTMENT VENDORS		
TAUNTON ► Custodian: State Street Bank & Trust ► Consultant: Dahab Associates, Inc.	<ul style="list-style-type: none">• BlackRock Investment Management, LLC• Boston Millennia Partners• Brandywine Global Investment Management, LLC• Ceres Partners, LLC• C.S. McKee, LP• Daruma Capital Management, LLC• Denver Investments• Earnest Partners, LLC• Frontier Capital Management Co., LLC	<ul style="list-style-type: none">• Glovista Investments, LLC• Herndon Capital Management, LLC• Intercontinental Real Estate Corporation• Invesco Core Real Estate USA, LP• Invesco Trust Company• Invesco Private Capital, Inc.• Long Wharf Real Estate Partners, LLC• Manulife Asset Management, LLC	<ul style="list-style-type: none">• Molpus Woodlands Group, LLC• Polen Capital Management, LLC• State Street Global Advisors• TimberVest, LLC• Victory Capital Management• Vontobel Asset Management, Inc.• Weaver C. Barksdale & Associates• Wells Capital Management, Inc.
WAKEFIELD	<ul style="list-style-type: none">• PRIT		
WALTHAM ► Custodian: SEI Private Trust Company ► Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none">• Ascent Venture Partners• Hunt Investment Management, LLC• Intercontinental Real Estate Corporation	<ul style="list-style-type: none">• Invesco Private Capital, Inc.• Precision Capital Advisors, LLC• PRIT	<ul style="list-style-type: none">• RCP Advisors, LLC• SEI Investments Management Corporation
WATERTOWN ► Custodian: State Street Bank & Trust ► Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none">• Acadian Asset Management, LLC• Arsenal Real Estate Funds, LLC• Auda Private Equity, LLC• Blackrock Advisors, LLC• Brandywine Global Investment Management, LLC• Columbia Management Investment Advisors, LLC• Earnest Partners, LLC	<ul style="list-style-type: none">• Guggenheim Partners Investment Management, LLC• Income Research & Management• Intercontinental Real Estate Corporation• Lee Munder Capital Group, LLC• Massachusetts Financial Services Company• New Boston Fund, Inc.	<ul style="list-style-type: none">• PRIT• RCP Advisors, LLC• SEI Investments Management Corporation• SEI Private Trust Company• SEI Trust Company• Wellington Management Company, LLP
WEBSTER ► Custodian: State Street Bank & Trust ► Consultant: Wainwright Investment Counsel, LLC	<ul style="list-style-type: none">• HGK Asset Management Inc.• Lee Munder Capital Group, LLC	<ul style="list-style-type: none">• Loomis Sayles & Company• PRIT	<ul style="list-style-type: none">• RhumbLine Advisers• SEI Trust Company
WELLESLEY	<ul style="list-style-type: none">• PRIT		
WEST SPRINGFIELD ► Custodian: Comerica	<ul style="list-style-type: none">• AmSouth Bank	<ul style="list-style-type: none">• De Burlo Group, Inc.	<ul style="list-style-type: none">• PRIT
WESTFIELD	<ul style="list-style-type: none">• Boston Company Asset Management, LLC• Columbia Management Investment Advisors, LLC• Constitution Capital Partners, LLC• Fisher Investments• Hamilton Lane• Income Research & Management	<ul style="list-style-type: none">• Intercontinental Real Estate Corporation• Iridian Asset Management, LLC• Lazard Asset Management, LLC• Long Wharf Real Estate Partners, LLC• Loomis Sayles & Company• Polaris Capital Management, LLC	<ul style="list-style-type: none">• PRIT• RBC Global Asset Management (U.S.), Inc.• State Street Global Advisors• TerraCap Management• Wasatch Advisors, Inc.• Wells Capital Management, Inc.

RETIREMENT BOARD	INVESTMENT VENDORS		
WEYMOUTH ► Custodian: Comerica ► Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none"> • Aberdeen Asset Management, Inc. • Acadian Asset Management, LLC • BlackRock Advisors, LLC • Boston Company Asset Management, LLC • Brandywine Global Investment Management, LLC • Constitution Capital Partners, LLC • HarbourVest Partners, LLC 	<ul style="list-style-type: none"> • Intercontinental Real Estate Corporation • Invesco Private Capital, Inc. • Landmark Partners, LLC • Loomis Sayles & Company • OFI Global Institutional, Inc. • Pioneer Institutional Asset Management Inc. • PRIT 	<ul style="list-style-type: none"> • RhumbLine Advisers • RS Investment Management Company, LLC • Singular Guff Advisers, LLC • State Street Global Advisors • Westfield Capital Management Company, LP • William Blair & Company, LLC
WINCHESTER ► Custodian: State Street Bank & Trust	<ul style="list-style-type: none"> • Guggenheim Real Estate, LLC • PRIT 	<ul style="list-style-type: none"> • State Street Global Advisors 	<ul style="list-style-type: none"> • Wellington Management Company, LLP
WINTHROP	<ul style="list-style-type: none"> • PRIT 		
WOBURN ► Custodian: State Street Bank & Trust ► Consultant: Wainwright Investment Counsel, LLC	<ul style="list-style-type: none"> • Alliance Bernstein, LP • Charlesbank Capital Partners, LLC • Earnest Partners, LLC • Hunt Investment Management, LLC • Intercontinental Real Estate Corporation 	<ul style="list-style-type: none"> • Invesco Private Capital, Inc. • Loomis Sayles & Company • PRIT • RhumbLine Advisers 	<ul style="list-style-type: none"> • Stafford Private Equity Inc. • State Street Global Advisors • Wilshire Associates, Inc. • Victory Capital Management
WORCESTER ► Custodian: State Street Bank & Trust ► Consultant: Meketa Investment Group; Fiduciary Investment Advisors	<ul style="list-style-type: none"> • Acadian Asset Management, LLC • AEW Capital Management, LP • American Securities, LLC • Ares Management, LLC • Ascent Venture Partners • Boston Millenia Partners • BTG Pactual Timberland Investment Group, LLC • Capital International, Inc. • Charlesbank Capital Partners, LLC • Dimensional Fund Advisors, LP • Global Infrastructure Management, LLC • Hancock Natural Resource Group, Inc. 	<ul style="list-style-type: none"> • Harvest Partners, LP • Heitman Capital Management, LLC • IFM Investors (US) Advisor, LLC • Income Research + Management • Intercontinental Real Estate Corporation • Invesco Core Real Estate USA, LP • Invesco Private Capital, Inc. • Lazard Asset Management, LLC • Lee Munder Capital Group, LLC • Loomis Sayles & Company • Newstone Capital Partners, LLC • Nichols Asset Management LLC 	<ul style="list-style-type: none"> • Northstar Company, LLC • Pacific Investment Management Company, LLC • Penn Capital Management Company, Inc. • PRIT • Ridgemont Equity Partners • Riverside Company • SL Capital Partners, LLP • State Street Global Advisors • TA Associates Management • Vitruvian Partners, LLP • White Deer Energy • William Blair & Company, LLC
WORCESTER REGIONAL	<ul style="list-style-type: none"> • AEW Capital Management, LP • Ascent Venture Partners • Hunt Investment Management, LLC 	<ul style="list-style-type: none"> • Intercontinental Real Estate Corporation • PRIT 	<ul style="list-style-type: none"> • SL Capital Partners, LLP • TA Realty